

MEDI-CAL EXPENDITURES ON BEHALF
OF HIV-INFECTED BENEFICIARIES,
JANUARY 1997 - DECEMBER 1998

MEDI-CAL REPORT DATE: May 1, 1999

This report is based on information gleaned from Medi-Cal claims paid on behalf of persons believed to be infected with the Human Immunodeficiency Virus (HIV-infected). Claims paid during the months July 1994 through December 1998 were reviewed for International Classification of Disease (ICD-9) diagnosis codes of 042, 043, 044, or a prescription claim for any of the following drugs: AZT, Cidofovir, Combivir, ddC, ddI, delavirdine, indinavir, lamivudine, nelfinavir, nevirapine, ritonavir, saquinavir, stavudine.

Once a person met the selection criteria, all claims paid on the beneficiary's behalf during calendar years 1997 and 1998 were placed into a research file and utilized for this report. Expenditures prior to 1997 can be found in our previous report. A total of 45,373 persons were included in the study. On the average, about 19,730 of these persons were eligible for Medi-Cal during any one month.

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DATA PRESENTATION AND QUALIFICATIONS

Utilizing claims data to study treatment costs for specific illness can be difficult.

Population identification, completeness of the data, and discontinuous eligibility all add complexity to building a study file. The two-step method used for this report has several advantages. By identifying the population and then extracting all claims for that person, a more accurate view of treatment costs can be obtained. For example, since prescription claims do not normally carry an ICD-9 code, prescription expenses would be undercounted if relying solely on the original selection which would include only prescriptions for AIDS exclusive drugs. Another advantage to selecting the study group in this two-step method is that once a person is identified as meeting the original criteria, that identifier is retained in a cumulative file to select future claims. This ensures a more complete picture since in some instances, an HIV-infected beneficiary could have HIV-identifiable services during one month, but the following claims may not carry an ICD-9 code, or could reflect a different code. It is important to note, however, that although utilizing this method gives the most accurate tally of expenditures per person, not all expenses incurred are due to the HIV infection. Also, since we do not have the date of initial diagnosis, some claims may be included which were actually for services received prior to HIV infection.

It is important to note that this report focuses on the fee-for-service Medi-Cal population. Several counties have moved into managed care and accurate encounter data are not yet available for most of these counties. Consequently, health care service and expenditure

information is limited to beneficiaries in the traditional fee-for-service setting. This problem is apparent in the Orange County data for January through June 1998. What appears to be a temporary decline in expenditures is most likely a reflection of the transition to a new data collection method.

In addition, it should be noted that expenditures in this report are based on paid claims computer tapes prepared by various entities that process Medi-Cal claims and do not represent official budget figures or accounting records. Audit recovery monies, Medicare premiums, Disproportionate Share Hospital Payments and drug manufacturer rebates are not included in this report.

HIGHLIGHTS

ELIGIBLES

The number of HIV-infected average monthly eligibles is now approaching 20,000. Information is given by age group, by ethnicity and by gender. However, many of our HIV-infected eligibles (18.3%) have unreported ethnic code. This is most likely due to the fact that the greatest number of these persons are certified eligible due to a disabled aid category. Race/ethnicity data is not reported for persons whose eligibility is administered by the Social Security Administration.

USERS

The average monthly HIV-infected eligibles who receive Medi-Cal funded services (referred to as average monthly users) are now approaching 18,000. However, of these users, on the average only about 8,000 of these persons have claims for any of the HIV-specific drugs.

EXPENDITURES

Expenditures rose 22.6% (\$30 million) during the two-year period of this report, largely due to the increase in pharmacy claims. Pharmacy expenditures rose 52.8% during the same time period, an increase of \$33.7 million. Information on expenditures is displayed by type of service, with detailed information on prescription activity, and by county.

INPATIENT SERVICES

Hospital inpatient expenditures per day (EPD) and the average length of stay (ALOS) continue to decline. The most recent EPD is \$893, down 6.1% over the report period. The ALOS dropped from 6.3 days to 5.5 days during the same two-year period.

EXPENDITURES PER PERSON PER MONTH

Expenditures per person per month (EPPPM) compare expenditures and the number of persons eligible for services during the same month. This is the figure generally used for budget estimates as not all eligibles receive services each month. The EPPPM for fiscal year 1997-98 was \$1,169 an insignificant change over the past several years. Probably of greater interest, the proportion of the EPPPM attributable to pharmacy is now 57.92%. The pharmacy aspect has been growing steadily, from 28.15% in Fiscal year 1994-95, coinciding with the availability of newer anti-HIV drugs.

AVERAGE MONTHLY COST PER USER

Another way of viewing cost per person is to compare monthly expenditures to the unduplicated count of persons served. Overall, average monthly cost per user during this report period was stable, approximately \$1,400 for calendar years 1997 and 1998. Inpatient average monthly cost per user declined 8% over this time period, from \$5,200 in calendar year 1997 to \$4,800 in calendar year 1998. Pharmacy average monthly cost per user rose 11% over the two-year period, from \$900 in 1997 to \$1,000 in 1998.

HIV-INFECTED BENEFICIARIES
AVERAGE MONTHLY ELIGIBLES
By Age Group

Number

	Total	Under 21	21-30	31-40	41-50	51-64	65& Up
Calendar Year 1997	19,646	1,385	2,007	7,550	5,746	2,269	690
Fiscal Year 1997-98	19,817	1,332	1,849	7,446	6,036	2,439	715

HIV-INFECTED BENEFICIARIES
AVERAGE MONTHLY ELIGIBLES
By Age Group

Percent

	Total	Under 21	21-30	31-40	41-50	51-64	65& Up
Calendar Year 1997	100.0%	7.0%	10.2%	38.4%	29.2%	11.6%	3.6%
Fiscal Year 1997-98	100.0%	6.7%	9.3%	37.6%	30.5%	12.3%	3.6%

HIV-INFECTED BENEFICIARIES
AVERAGE MONTHLY ELIGIBLES
By Ethnicity

Number

	Total	White	Black	Hispanic	Other	Unknown
Calendar Year 1997	19,646	8,699	4,902	2,217	242	3,587
Fiscal Year 1997-98	19,817	8,812	4,930	2,126	240	3,709

HIV-INFECTED BENEFICIARIES
AVERAGE MONTHLY ELIGIBLES
By Ethnicity

*Percentage Distribution
For Eligibles with Known Ethnicity*

	Ethnicity Known	White	Black	Hispanic	Other
Calendar Year 1997	100.0%	54.2%	30.5%	13.8%	1.5%
Fiscal Year 1997-98	100.0%	54.7%	30.6%	13.2%	1.5%

HIV-INFECTED BENEFICIARIES
AVERAGE MONTHLY ELIGIBLES
By Gender

Number and Percent

	Total		Male		Female	
	N	%	N	%	N	%
Calendar Year 1997	19,646	100.0%	14,032	71.4%	5,614	28.6%
Fiscal Year 1997-98	19,817	100.0%	14,256	71.9%	5,560	28.1%

HIV-INFECTED BENEFICIARIES
AVERAGE MONTHLY USERS
(Based on Month of Payment)

Number

	Calendar Year 1997	Calendar Year 1998	Fiscal Year 1997-98
Total	16,337	17,892	17,049
HIV-Specific Drug Users	7,514	8,331	8,032

MEDI-CAL EXPENDITURES FOR HIV-INFECTED PERSONS
By Service Component

Amount

	Jan - Jun 1997	Jul – Dec 1997	Jan - Jun 1998	Jul – Dec 1998
Total	\$132,756,322	\$141,087,673	\$148,790,320	\$162,747,300
Hospital Inpatient	33,003,292	29,169,760	28,793,586	30,061,717
Hospital Outpatient	5,415,024	5,249,453	4,681,639	4,374,913
Physician	5,529,322	5,617,639	5,315,655	5,797,240
Pharmacy	63,867,977	76,439,049	85,605,878	97,562,782
Clinic	2,776,926	2,544,165	2,599,131	2,990,748
Long Term Care	4,894,099	5,123,865	6,397,216	6,776,098
Hospice	5,445,052	4,714,464	3,506,558	1,486,354
Home Health	947,588	883,775	706,150	680,635
AIDS Waiver	6,196,672	6,085,909	6,089,202	6,463,337
Medical Transport	750,359	848,689	769,768	927,385
Other	3,930,011	4,410,905	4,325,537	5,626,091

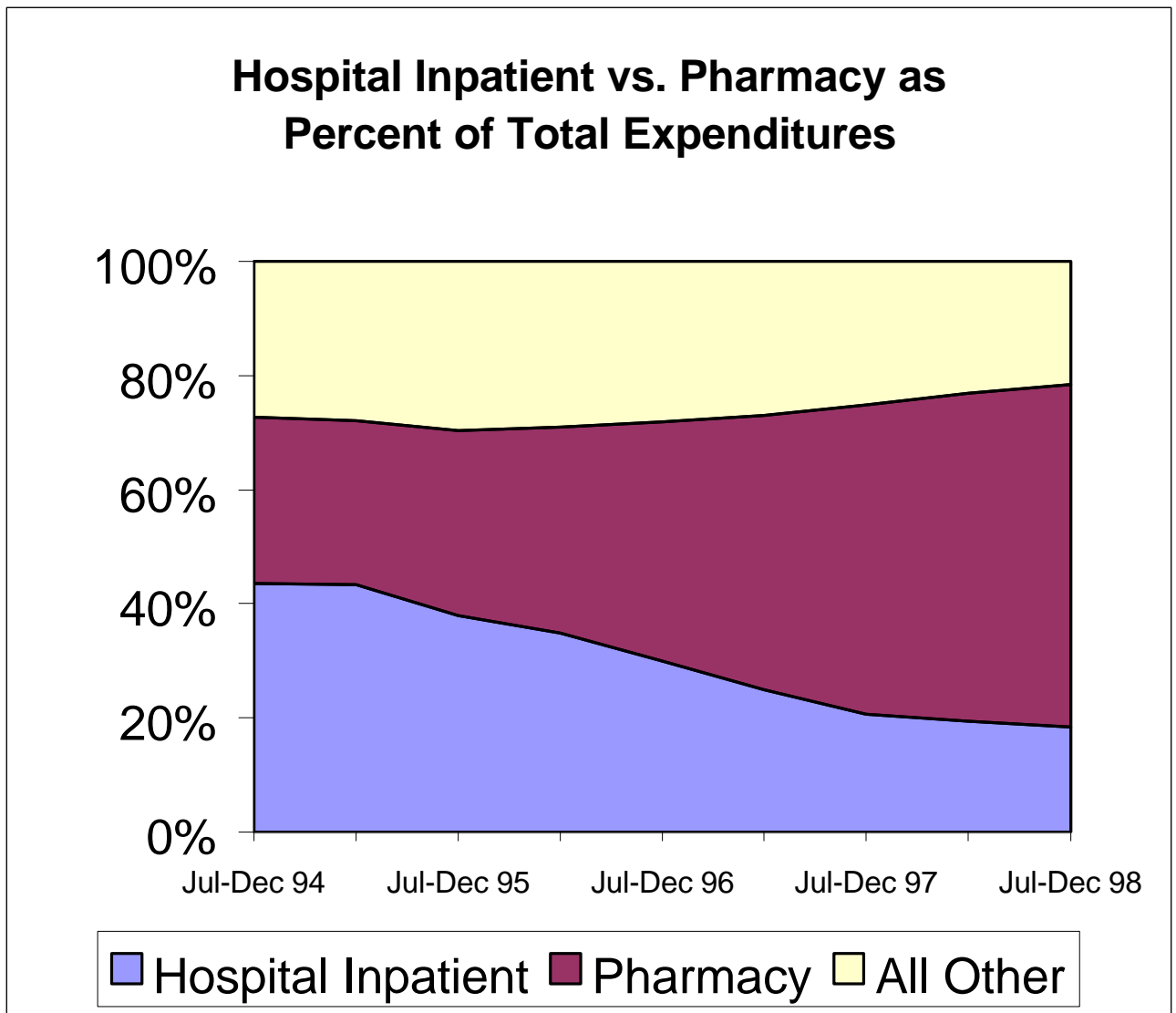
MEDI-CAL EXPENDITURES FOR HIV-INFECTED PERSONS
By Service Component

Percent

	Jan - Jun 1997	Jul – Dec 1997	Jan - Jun 1998	Jul – Dec 1998
Total	100.0%	100.0%	100.0%	100.0%
Hospital Inpatient	24.9%	20.7%	19.4%	18.5%
Hospital Outpatient	4.1%	3.7%	3.1%	2.7%
Physician	4.2%	4.0%	3.6%	3.6%
Pharmacy	48.1%	54.2%	57.5%	59.9%
Clinic	2.1%	1.8%	1.7%	1.8%
Long Term Care	3.7%	3.6%	4.3%	4.2%
Certified Hospice	4.1%	3.3%	2.4%	0.9%
Home Health	0.7%	0.6%	0.5%	0.4%
AIDS Waiver	4.7%	4.3%	4.1%	4.0%
Medical Transport	0.6%	0.6%	0.5%	0.6%
Other	3.0%	3.1%	2.9%	3.5%

NOTE: Totals may not add to 100.0 due to rounding.

Figure A.



MEDI-CAL EXPENDITURES FOR HIV-INFECTED PERSONS
Prescription Drugs

Amount

	Jan - Jun 1997	Jul - Dec 1997	Jan - Jun 1998	Jul - Dec 1998
Selected Drugs				
Delavirdine	\$ 31,430	\$ 242,339	\$ 273,987	\$ 225,524
Didanosine	683,020	1,010,885	1,256,008	1,421,395
Efavirenz	0	0	0	624,495
Indinavir	5,318,440	4,278,870	4,174,604	3,862,653
Lamivudine	7,266,135	7,483,325	6,668,976	6,008,692
Nelfinavir	1,798,151	6,729,437	8,200,433	9,061,939
Nevirapine	898,270	1,593,343	2,231,460	2,558,511
Ritonavir	2,305,187	2,580,382	3,241,366	3,231,828
Saquinavir	4,530,264	4,743,608	4,652,609	4,231,081
Stavudine	3,395,827	4,842,327	5,444,910	5,623,090
Zalcitabine	397,509	407,700	348,578	285,031
Zidovudine	3,818,958	3,651,834	2,276,455	1,377,260
Zidovudine/Lamivudine	0	353,266	3,503,481	5,426,590
Other Drugs	30,166,635	33,708,512	40,561,561	45,673,407
Total	\$ 60,609,826	\$ 71,625,829	\$ 82,834,429	\$ 89,611,497

NOTE: Totals are lower than the Pharmacy Totals on Page 8. Pharmacy expenditures on page 8 include medical supplies and equipment while this table is limited to claims for prescription drugs only.

MEDI-CAL EXPENDITURES FOR HIV-INFECTED PERSONS
Prescription Drugs

Percent

	Jan - Jun 1997	Jul – Dec 1997	Jan - Jun 1998	Jul – Dec 1998
Selected Drugs				
Delavirdine	0.05%	0.34%	0.33%	0.25%
Didanosine	1.13%	1.41%	1.52%	1.59%
Efavirenz	0.00%	0.00%	0.00%	0.70%
Indinavir	8.77%	5.97%	5.04%	4.31%
Lamivudine	11.99%	10.45%	8.05%	6.71%
Nelfinavir	2.97%	9.40%	9.90%	10.11%
Nevirapine	1.48%	2.22%	2.69%	2.86%
Ritonavir	3.80%	3.60%	3.91%	3.61%
Saquinavir	7.47%	6.62%	5.62%	4.72%
Stavudine	5.60%	6.76%	6.57%	6.27%
Zalcitabine	0.66%	0.57%	0.42%	0.32%
Zidovudine	6.30%	5.10%	2.75%	1.54%
Zidovudine/Lamivudine	0.00%	0.49%	4.23%	6.06%
Other Drugs	49.77%	47.06%	48.97%	50.97%
Total	100.00%	100.00%	100.00%	100.00%

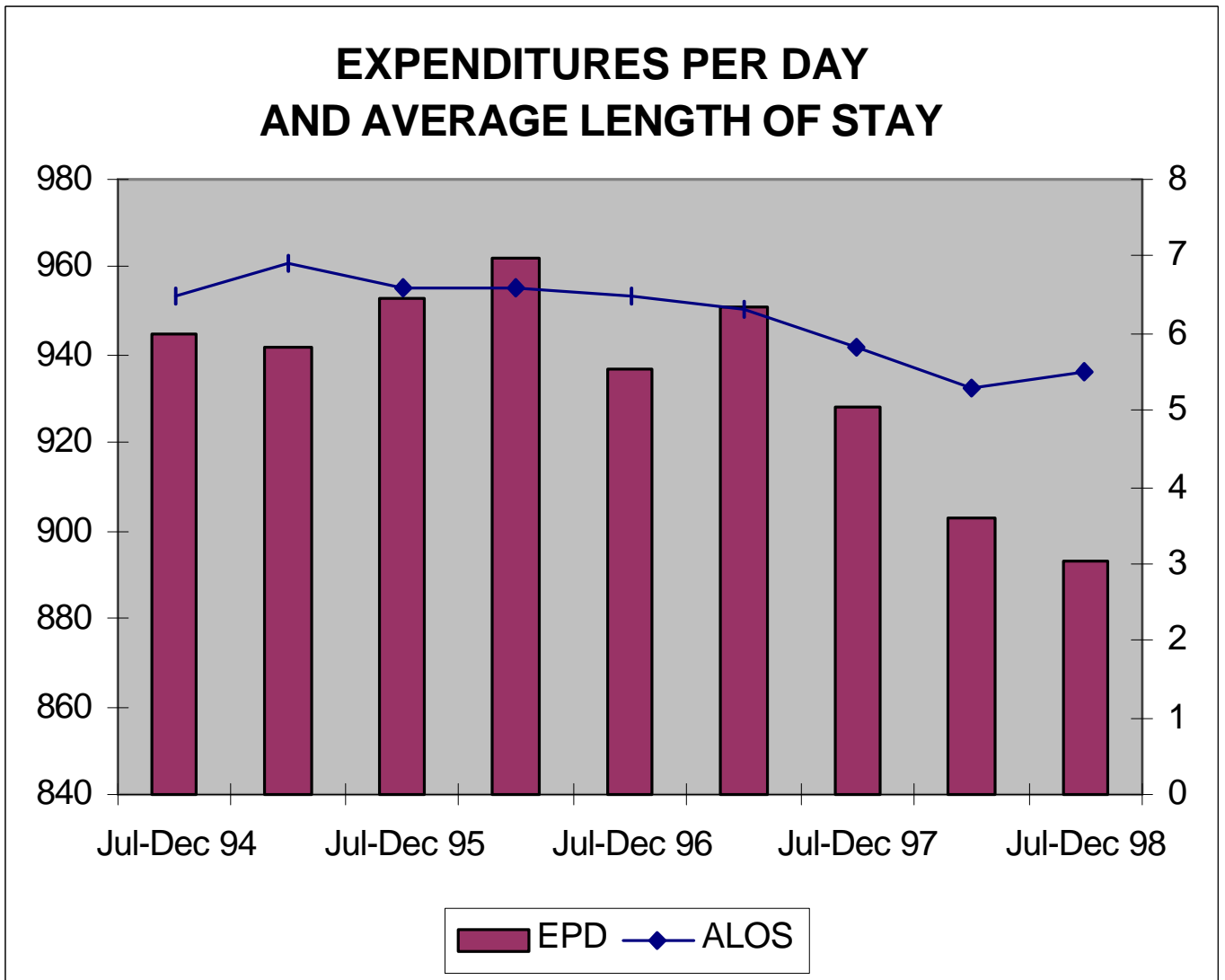
MEDI-CAL INPATIENT EXPENDITURES PER DAY (EPD)
AND AVERAGE LENGTH OF STAY (ALOS)

Selected Counties

	Jan-Jun 1997		Jul-Dec 1997		Jan-Jun 1998		Jul-Dec 1998	
	EPD	ALOS	EPD	ALOS	EPD	ALOS	EPD	ALOS
Statewide	\$ 951	6.3	\$ 928	5.8	\$ 903	5.3	\$ 893	5.5
Alameda	\$ 954	8.0	\$ 936	5.7	\$ 936	5.9	\$ 941	6.1
Contra Costa	\$ 929	6.5	\$ 916	6.0	\$ 884	6.0	\$ 937	5.8
Fresno	\$ 913	5.5	\$ 843	5.7	\$ 877	4.7	\$ 876	3.5
Los Angeles	\$ 934	6.7	\$ 934	5.7	\$ 853	5.3	\$ 848	5.5
Orange	\$ 1,037	7.9	\$ 1,047	6.7	N/A ¹	N/A ¹	\$ 1,010	7.0
Riverside	\$ 1,052	6.0	\$ 1,010	5.7	\$ 1,053	5.0	\$ 1,014	5.5
Sacramento	\$ 920	4.9	\$ 885	5.0	\$ 914	6.2	\$ 894	5.1
San Bernardino	\$ 999	5.9	\$ 955	6.2	\$ 959	5.6	\$ 1,043	5.9
San Diego	\$ 1,014	5.6	\$ 918	6.7	\$ 930	5.3	\$ 895	6.2
San Francisco	\$ 817	4.9	\$ 825	4.7	\$ 824	4.6	\$ 808	4.6
San Joaquin	\$ 873	8.5	\$ 887	7.0	\$ 863	6.2	\$ 951	4.3
San Mateo	\$ 584	6.7	\$ 639	11.4	\$ 686	7.7	\$ 785	6.5
Santa Clara	\$ 1,332	5.0	\$ 1,227	5.4	\$ 1,271	5.7	\$ 1,187	6.3
Ventura	\$ 869	5.6	\$ 915	5.6	\$ 923	3.5	\$ 918	5.3

N/A¹: Less than 50 hospitalization claims received during this time period.

Figure B.



MEDI-CAL EXPENDITURES FOR HIV-INFECTED PERSONS
By Beneficiary County, By Month of Payment

Amount
Page 1 of 2

	Jan-Jun 1997	Jul-Dec 1997	Jan-Jun 1998	Jul-Dec 1998
Statewide	\$ 132,756,322	\$ 141,087,673	\$ 148,790,320	\$ 162,747,300
Alameda	7,949,798	7,441,559	8,030,907	8,635,695
Alpine	0	0	622	0
Amador	36,278	36,363	20,062	29,518
Butte	483,324	629,893	746,495	817,187
Calaveras	92,714	89,532	81,034	111,573
Colusa	9,478	13,029	16,214	26,403
Contra Costa	2,509,974	2,302,970	2,436,278	2,782,657
Del Norte	8,955	72,438	44,006	32,639
El Dorado	245,410	169,482	146,418	134,924
Fresno	1,940,678	2,122,564	2,216,410	2,423,366
Glenn	34,582	48,421	61,453	76,726
Humboldt	542,260	690,873	735,582	810,029
Imperial	291,042	220,810	243,311	330,488
Inyo	36,482	35,142	38,632	89,894
Kern	1,042,282	1,152,331	1,138,579	1,268,211
Kings	175,717	110,183	146,105	189,803
Lake	302,459	365,035	457,550	492,004
Lassen	175,671	136,349	182,779	115,499
Los Angeles	54,655,694	58,696,856	60,413,650	65,031,459
Madera	134,417	197,784	205,855	236,670
Marin	740,804	706,213	764,954	1,025,232
Mariposa	14,765	21,075	3,716	10,827
Mendocino	334,226	360,926	373,626	483,755
Merced	409,713	349,195	425,741	405,186
Modoc	344	55	288	1,848
Mono	3,571	10,015	9,183	11,368
Monterey	918,107	707,632	816,536	963,914
Napa	187,266	398,872	166,354	345,913
Nevada	155,444	164,246	177,485	241,011
Orange	1,251,003	1,066,275	988,290	2,532,776
Placer	278,806	324,686	307,740	558,444
Plumas	18,657	9,856	5,179	4,774
Riverside	4,490,963	5,428,337	5,565,164	5,530,862
Sacramento	3,718,511	4,162,157	4,895,442	4,914,943
San Benito	86,071	44,928	50,425	41,096

MEDI-CAL EXPENDITURES FOR HIV-INFECTED PERSONS
By Beneficiary County, By Month of Payment

Amount
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	Jan-Jun 1997	Jul-Dec 1997	Jan-Jun 1998	Jul-Dec 1998
Statewide	\$ 132,756,322	\$ 141,087,673	\$ 148,790,320	\$ 162,747,300
San Bernardino	3,944,095	4,601,697	4,972,884	5,364,030
San Diego	12,073,727	13,789,361	14,106,547	16,954,986
San Francisco	18,725,669	18,515,450	20,956,163	22,019,570
San Joaquin	1,510,162	1,742,136	1,746,042	1,803,687
San Luis Obispo	333,210	332,110	357,167	432,317
San Mateo	1,408,826	2,011,963	2,141,306	2,296,870
Santa Barbara	674,724	528,738	734,256	693,973
Santa Clara	2,760,340	2,456,356	3,168,803	3,057,850
Santa Cruz	220,933	183,724	215,097	199,986
Shasta	500,541	541,004	502,145	561,133
Sierra	0	1,404	0	10,307
Siskiyou	286,604	240,477	159,340	164,640
Solano	47,831	549,954	343,753	991,462
Sonoma	2,248,419	2,196,271	2,686,230	2,631,335
Stanislaus	911,955	958,292	939,898	1,134,067
Sutter	126,889	99,156	103,414	68,989
Tehama	83,800	103,020	140,574	158,496
Trinity	24,691	14,742	14,991	20,083
Tulare	510,088	498,873	668,364	585,397
Tuolumne	128,658	96,700	91,581	100,996
Ventura	1,453,332	1,900,334	1,847,514	1,878,323
Yolo	407,110	340,659	394,405	311,919
Yuba	145,971	155,300	109,366	96,850
Invalid Code	953,281	943,870	478,415	503,340

MEDI-CAL EXPENDITURES FOR HIV-INFECTED PERSONS
By Beneficiary County, By Month of Payment

Percent
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	Jan-Jun 1997	Jul-Dec 1997	Jan-Jun 1998	Jul-Dec 1998
Statewide	100.0%	100.0%	100.0%	100.0%
Alameda	5.99%	5.27%	5.40%	5.31%
Alpine	0.00%	0.00%	0.00%	0.00%
Amador	0.03%	0.03%	0.01%	0.02%
Butte	0.36%	0.45%	0.50%	0.50%
Calaveras	0.07%	0.06%	0.05%	0.07%
Colusa	0.01%	0.01%	0.01%	0.02%
Contra Costa	1.89%	1.63%	1.64%	1.71%
Del Norte	0.01%	0.05%	0.03%	0.02%
El Dorado	0.18%	0.12%	0.10%	0.08%
Fresno	1.46%	1.50%	1.49%	1.49%
Glenn	0.03%	0.03%	0.04%	0.05%
Humboldt	0.41%	0.49%	0.49%	0.50%
Imperial	0.22%	0.16%	0.16%	0.20%
Inyo	0.03%	0.02%	0.03%	0.06%
Kern	0.79%	0.82%	0.77%	0.78%
Kings	0.13%	0.08%	0.10%	0.12%
Lake	0.23%	0.26%	0.31%	0.30%
Lassen	0.13%	0.10%	0.12%	0.07%
Los Angeles	41.17%	41.60%	40.60%	39.96%
Madera	0.10%	0.14%	0.14%	0.15%
Marin	0.56%	0.50%	0.51%	0.63%
Mariposa	0.01%	0.01%	0.00%	0.01%
Mendocino	0.25%	0.26%	0.25%	0.30%
Merced	0.31%	0.25%	0.29%	0.25%
Modoc	0.00%	0.00%	0.00%	0.00%
Mono	0.00%	0.01%	0.01%	0.01%
Monterey	0.69%	0.50%	0.55%	0.59%
Napa	0.14%	0.28%	0.11%	0.21%
Nevada	0.12%	0.12%	0.12%	0.15%
Orange	0.94%	0.76%	0.66%	1.56%
Placer	0.21%	0.23%	0.21%	0.34%
Plumas	0.01%	0.01%	0.00%	0.00%
Riverside	3.38%	3.85%	3.74%	3.40%
Sacramento	2.80%	2.95%	3.29%	3.02%
San Benito	0.06%	0.03%	0.03%	0.03%

NOTE: Totals may not add to 100.0 due to rounding.

MEDI-CAL EXPENDITURES FOR HIV-INFECTED PERSONS
By Beneficiary County, By Month of Payment

Percent
Page 2 of 2

	Jan-Jun 1997	Jul-Dec 1997	Jan-Jun 1998	Jul-Dec 1998
Statewide	100.0%	100.0%	100.0%	100.0%
San Bernardino	2.97%	3.26%	3.34%	3.30%
San Diego	9.09%	9.77%	9.48%	10.42%
San Francisco	14.11%	13.12%	14.08%	13.53%
San Joaquin	1.14%	1.23%	1.17%	1.11%
San Luis Obispo	0.25%	0.24%	0.24%	0.27%
San Mateo	1.06%	1.43%	1.44%	1.41%
Santa Barbara	0.51%	0.37%	0.49%	0.43%
Santa Clara	2.08%	1.74%	2.13%	1.88%
Santa Cruz	0.17%	0.13%	0.14%	0.12%
Shasta	0.38%	0.38%	0.34%	0.34%
Sierra	0.00%	0.00%	0.00%	0.01%
Siskiyou	0.22%	0.17%	0.11%	0.10%
Solano	0.04%	0.39%	0.23%	0.61%
Sonoma	1.69%	1.56%	1.81%	1.62%
Stanislaus	0.69%	0.68%	0.63%	0.70%
Sutter	0.10%	0.07%	0.07%	0.04%
Tehama	0.06%	0.07%	0.09%	0.10%
Trinity	0.02%	0.01%	0.01%	0.01%
Tulare	0.38%	0.35%	0.45%	0.36%
Tuolumne	0.10%	0.07%	0.06%	0.06%
Ventura	1.09%	1.35%	1.24%	1.15%
Yolo	0.31%	0.24%	0.27%	0.19%
Yuba	0.11%	0.11%	0.07%	0.06%
Invalid Code	0.72%	0.67%	0.32%	0.31%

NOTE: Totals may not add to 100.0 due to rounding.

EXPENDITURES PER PERSON PER MONTH
For HIV-Infected Persons on Medi-Cal

By Month of Service

	Total	Pharmacy	Pharmacy as Percent of Total
Calendar Year	\$ 1,114	\$ 588	52.78%
1997 Average			
Fiscal Year	\$ 1,169	\$ 677	57.92%
1997-98 Average			
Jan-97	1,126	509	45.20%
Feb-97	999	476	47.65%
Mar-97	1,089	514	47.20%
Apr-97	1,099	550	50.05%
May-97	1,101	563	51.14%
Jun-97	1,075	563	52.37%
Jul-97	1,158	626	54.06%
Aug-97	1,097	599	54.60%
Sep-97	1,126	630	55.95%
Oct-97	1,190	690	57.98%
Nov-97	1,087	618	56.85%
Dec-97	1,221	723	59.21%
Jan-98	1,183	674	57.01%
Feb-98	1,101	645	58.56%
Mar-98	1,222	729	59.62%
Apr-98	1,196	711	59.47%
May-98	1,188	703	59.15%
Jun-98	1,254	774	61.74%

AVERAGE MONTHLY COST PER USER
For HIV-Infected Persons on Medi-Cal

By Month of Payment

	ALL EXPENDITURES	INPATIENT EXPENDITURES	PHARMACY EXPENDITURES
Calendar Year 1997	\$ 1,385.72	\$ 5,229.36	\$ 927.47
Fiscal Year 1997-98	\$ 1,403.73	\$ 4,929.96	\$ 999.13
Calendar Year 1998	\$ 1,431.32	\$ 4,828.27	\$ 1,037.88
Jan-97	1,315.54	5,674.95	787.86
Feb-97	1,241.20	4,963.58	845.39
Mar-97	1,464.43	5,477.42	831.66
Apr-97	1,339.56	4,970.02	867.20
May-97	1,458.12	5,632.51	942.71
Jun-97	1,549.24	5,392.83	1,030.94
Jul-97	955.25	5,938.48	600.47
Aug-97	1,791.20	5,038.11	1,349.02
Sep-97	1,416.27	5,196.24	931.78
Oct-97	1,267.89	4,527.31	915.51
Nov-97	1,315.64	4,424.12	944.19
Dec-97	1,514.25	5,516.76	1,082.87
Jan-98	1,275.94	4,697.74	924.22
Feb-98	1,304.51	4,094.56	934.77
Mar-98	1,647.33	5,040.10	1,145.05
Apr-98	1,379.24	4,864.24	1,024.44
May 98	1,410.09	4,908.72	1,000.71
Jun-98	1,567.17	4,913.17	1,136.54
Jul-98	1,366.71	5,294.42	982.57
Aug-98	1,587.49	4,830.85	1,156.45
Sep-98	1,345.07	4,878.07	983.09
Oct-98	1,375.19	5,103.75	1,002.20
Nov-98	1,535.41	4,358.00	1,125.83
Dec-98	1,381.68	4,955.65	1,038.68